



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# SPACE SAVING WIRELESS LED SINGLE CHANNEL LIGHT CONTROLLER WITH REMOTE CONTROL

## FEATURES

- Ten Brightness Levels
- Eight Speed/Fade Modes
- Space Saving Control
- 5V-24VDC Operation
- Standard 2.1mm barrel input and output connectors
- Power-Fail memory

## PARAMETERS

Output: 1 channel      Connection mode: common anode  
 Static Power: <0.5 W    Load Current Maximum: 6A  
 Output power: 5V<30W, 12V < 72W, 24V <144W  
 Operating Temperature: -20-60°C



## OPTIONAL ACCESSORIES

- ZCH-1830PLUG-1
- ZCH-915SOCK-1
- ZPS-20                    24V 2A POWER SUPPLY
- ZPS-12                   24V .5A POWER SUPPLY
- ZPS-1235                12V 3A POWER SUPPLY
- ZPS-1260                12V 5A POWER SUPPLY



INPUT DC FEMALE: 5.5 X 2.1mm

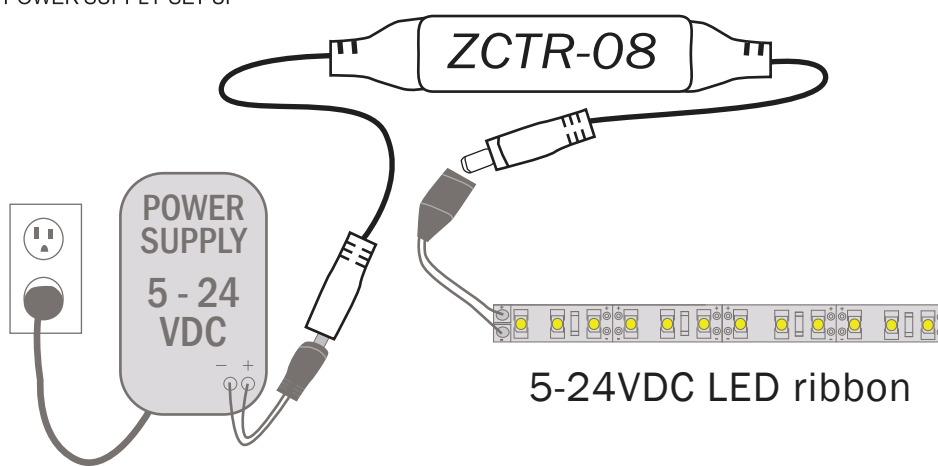


OUTPUT DC MALE: 5.5 X 2.1mm

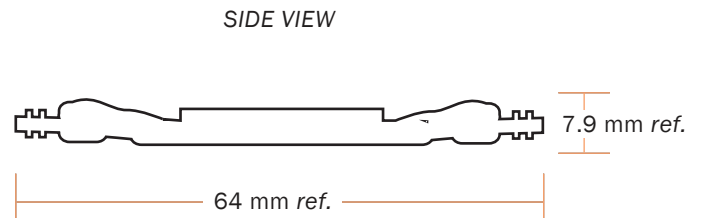
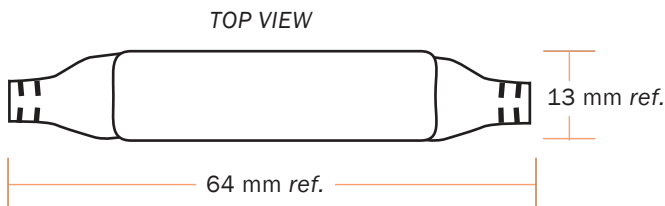
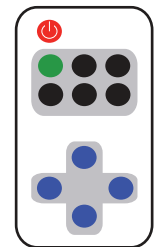
OTHER POWER SUPPLIES AVAILABLE

## CONTROLLER TO POWER SUPPLY SET UP

## CONTROLLER UNIT



## REMOTE



## CONTROLLER DIMENSIONS

JKL PART NO.: ZCTR-08

			<b>METRIC</b>  THIRD ANGLE PROJECTION		DIMENSIONS ARE IN mm (INCHES) TOLERANCE UNLESS OTHERWISE SPECIFIED 1 PL +/- REF. 2 PL +/- ANGLE +/-		<b>JKL COMPONENTS CORPORATION</b>							
							TITLE <b>LED REMOTE CONTROLLER</b>							
<b>A</b> ADD & DELETE ACCESSORIES			2/24/16		DRAWN BY L. WENGSTROM		APPV'D BY DATE L.R. 2/24/16		SIZE <b>A</b>		FSCM NO. <b>55335</b>		DRAWING NO. <b>ZCTR-08</b>	
RELEASE			2/4/16						SCALE NONE		RELEASED DATE 2/4/16		REVISION DATE 2/24/16	
REV. NO.			DESCRIPTION/ECO NUMBER		APPV'D DATE		- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED		REV. NO. <b>A</b>		SHEET 1 OF 2			











The **wireless remote** controls the ZCTR-08 **controller unit** which adjusts an LED ribbon in **static mode** (constant light with brightness control) or **dynamic mode** (flashing light and speed control).

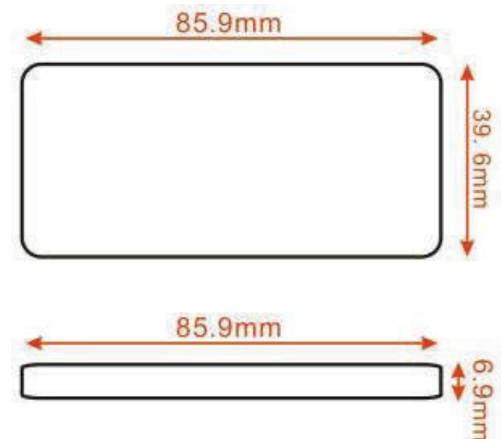
If using multiple ZCTR-08 **controller units** it is possible to program them to function with one **wireless remote**. Before applying power to the **controller** hold the button down while turning on the unit. The LEDs will give three short flashes to indicate the remote sync has occurred. The one-remote method works best in **static mode**. In **dynamic mode**, multiple controllers will not have precisely synced flashing.

<i><b>DYNAMIC MODES</b></i>	<b>Variable Flash</b>
<b>Constant Flash</b>	<b>5-Short Flash</b>
<b>Fade High to Low</b>	<b>3-Short, 2-Long Flash</b>
<b>Fade High to Black</b>	<b>Long Flash</b>

## ZCTR-08 Remote Button Guide

-  On/Off button
-  Switches back to **static mode**
-  Use to adjust **static mode** with 10 brightness levels
-  Use for **static mode** with **100% brightness**
-  Use for **static mode** with **50% brightness**
-  Use for **static mode** with **25% brightness**
-  Switches to **dynamic mode** with 7 choices (see chart)
-  **Controls speed** when in **dynamic mode** w/10 levels

### REMOTE DIMENSIONS



**JKL** COMPONENTS CORPORATION

SIZE <b>A</b>	FSCM NO. <b>55335</b>	DRAWING NO. <b>ZCTR-08</b>	SHEET 2 OF 2
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